

# **CDBG DR2015 Project Status Update Housing and Community Affairs Committee**

**October 24, 2017**



**Stephen C. Costello  
Chief Resilience Officer**

# Memorial Day and Halloween 2015 Flood Events

- HUD direct allocation of CDBG DR funding - \$66.5 million
- \$40 million for infrastructure projects
- Must be in area affected by 2015 presidentially-declared disaster
- Must be in and/or benefit low- to moderate-income area
- Cannot supplant existing project
- Unprecedented cooperation between HCD and PWE

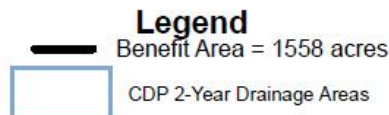


# DR15 SWAT 4A



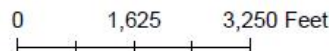
## Northline/Northside Drainage and Paving Improvements

- City completed improvements along Fulton (Tidwell to Parker) in October 2016
- City has current project to improve Clark (Tidwell to Parker)
- Projects will improve trunk sewer capacity to serve areas adjacent to Fulton and Clark
- Side streets along Fulton and Clark use roadside ditches to convey storm water
- Existing roadside ditches are in poor condition and require reconstruction to adequately convey storm water runoff



Benefit Area Population = 1049

1 inch = 1,700 feet



# Northline/Northside

- Ditch regrading and re-establishment to the receiving points of the Fulton/Clark drainage systems
- Driveway culverts replaced and resized to allow sufficient flow capacities
- Base repairs, asphalt overlays, and concrete panel replacements, as needed
- Design contract to City Council 10/25/2017
- Construction award early 2019

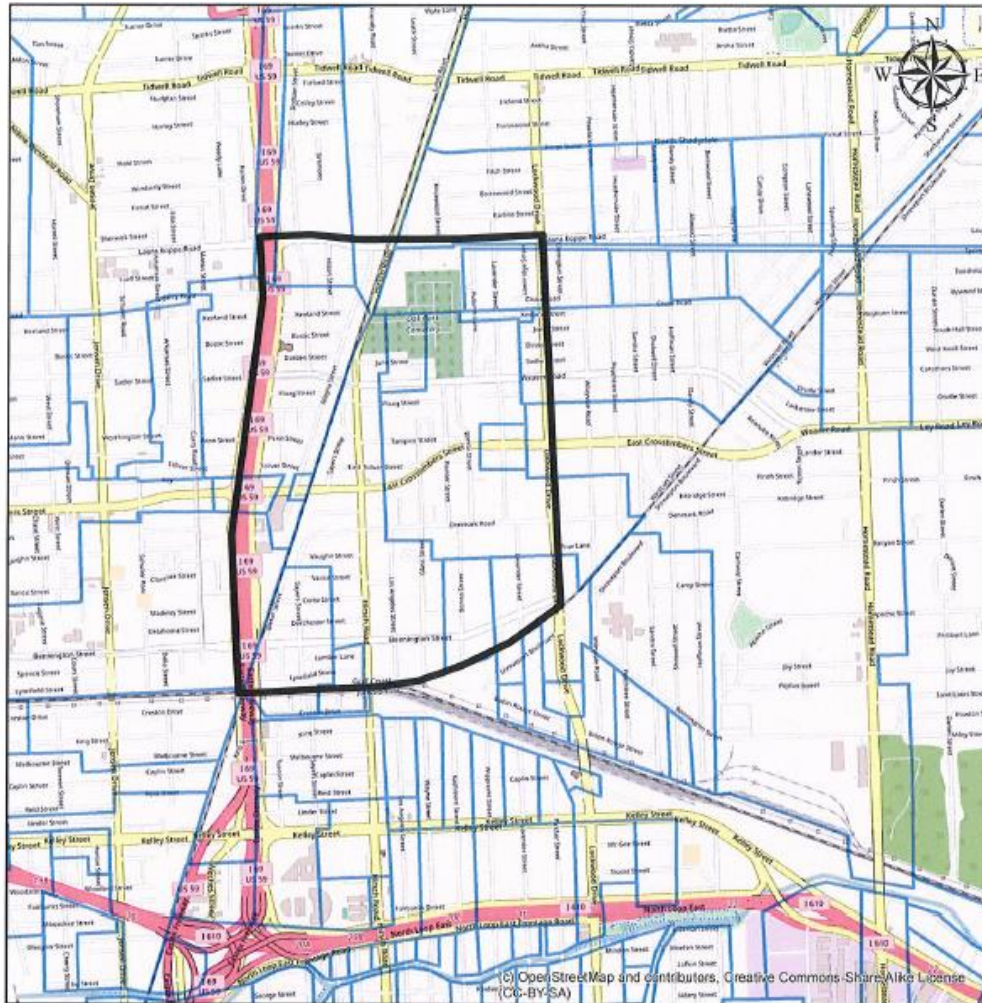




# DR15 SWAT 12A

## Bonita Gardens Drainage and Paving Improvements

- City previously completed improvements on Hirsch (Kelley to E. Crosstimbers) to provide improved storm sewer capacity
- Side streets along Hirsch use roadside ditches to convey storm water runoff to the Hirsch trunk storm sewer
- Existing roadside ditches are in poor condition and require reconstruction to adequately convey storm water runoff



### Legend

- Benefit Area = 828 acres
- CDP 2-Year Drainage Areas

1 inch = 2,000 feet

0 2,000 4,000 Feet

# Bonita Gardens

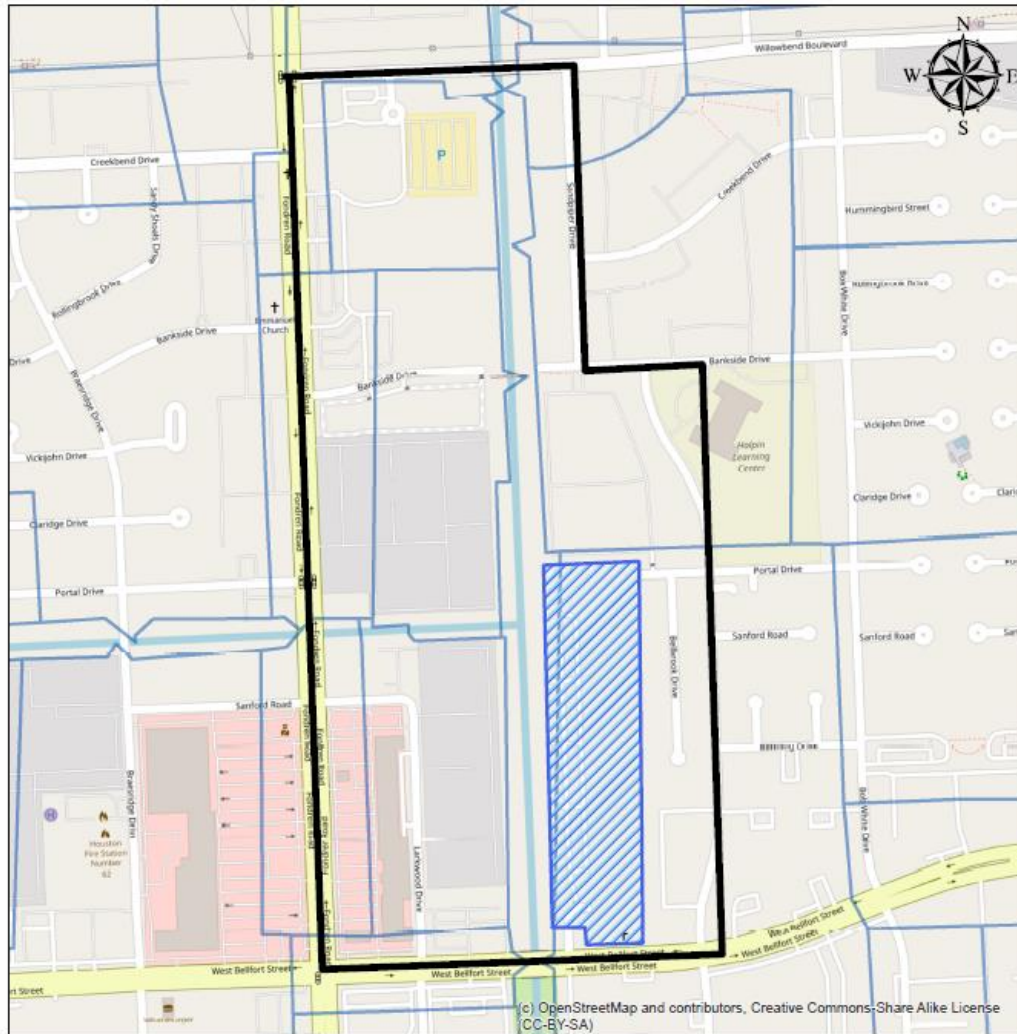
- Ditch regrading and re-establishment to the receiving points of the Hirsch Road drainage system
- Driveway culverts replaced and resized to allow sufficient flow capacities
- Base repairs, asphalt overlays, and concrete panel replacements, as needed
- Design contract to City Council 10/25/2017
- Construction award early 2019



# DR15 5A




## Spellman Detention Basin

- City has identified three parcels of land adjacent to HCFC D-140-00-00 (Fondren Diversion Channel) in Brays Bayou watershed on which to locate a detention basin
- Detention basin will benefit homes in the area by reducing water surface elevations




### Legend



-  CDP 2-Year Drainage Areas
-  Projected Benefit Area
-  Proposed Basin

1 inch = 2,000 feet

0 500 1,000 Feet





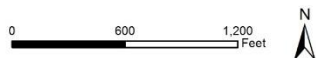
# Spellman Detention Basin



DOCUMENT PATH: O:\HOUSTON\WILLOWWATERHOLE\GIS\EXHIBIT\PROJECT\SPOND\_WW\_EXHIBIT011.MXD



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CITY OF HOUSTON  
 CDBG-DR GRANT

CITY OF HOUSTON, TEXAS - CDBG-DR DATA COLLECTION AND ANALYSIS  
**1% ANNUAL CHANCE FLOODING - SPELLMAN POND  
 NEAR WILLOW WATER HOLE**

NAD 1983 STATE PLANE TEXAS SOUTH CENTRAL FIPS 4204 FT

ATTACHMENT

3



# Spellman Detention Basin

- Acquire three parcels, demolish existing buildings on properties, and construct a 264-acre foot detention basin adjacent to Fondren Diversion Channel, including associated drainage structures
- Storm sewer improvements along West Bellfort
- Associated pavement repairs
- Design contract to City Council December 2017
- Construction award 2020



# Questions?

